

**Voluntary Remediation Program
Department of Environmental Management**

Project Summary

Site Name:	Former Carriage Cleaners
Applicant Name:	Devonway Service Center, LLC
Site Location:	5838 East 71 st Street, Indianapolis, IN
VRP Site Number:	6020111
Project Manager:	Corey Webb
Date Application Received:	January 18, 2002
Date Project Completed:	February 2, 2010
Contaminant(s):	Volatile Organic Compounds
Media Addressed:	Subsurface soil and groundwater
Cleanup Objectives Achieved:	1996 VRP Tier II non-residential
Deed/Land-Use Restrictions:	ERC recorded onto property deed
Project Summary:	

Historically, the former Carriage Cleaners site operated as a dry cleaners facility. Elevated concentrations of PCE and other chlorinated volatile organic compounds (VOC) were discovered in soil and groundwater beneath the facility during subsequent subsurface investigations. Following Hydrogen Release Compound (HRC) injections, Oxygen Release Compound (ORC) injections, excavation of impacted soils, application of potassium permanganate solution to the excavation, and post remedial confirmation sampling and groundwater monitoring, VOC concentrations in soil and groundwater have been remediated to below the 1996 VRP Tier II non-residential clean up goals, with the exception of Vinyl Chloride (VC) concentrations in groundwater from one monitoring well (OW-2A) near the interior of the site. "Fate and Transport" modeling was conducted to demonstrate that the elevated VC concentration limited to the vicinity of OW-2A is stable, and is not expected to migrate off-site. The remedial actions listed above, in conjunction with appropriate risk management controls as documented in the recorded ERC, have successfully demonstrated that this voluntary remediation project has been successful in eliminating any potential risks associated with the impacts from the former dry cleaners operation.

